such that an image displayed at a point of intersection of two line segments forming the crisscross figure is positioned at the center of the display screen.

(Amended) A storage medium according to Claim II, wherein the stored program includes computer executable code for causing the camera control apparatus to detect a scripting of a line that forms one loop on the display screen, and to output a control command for terminating control of the camera in response to the detection.

REMARKS

The claims now pending in the application are Claims 1 to 70, the independent claims being Claims 1, 18, 35 and 54. Claims 71 and 72 have been canceled. Claims 1 to 36, 38 and 41 to 70 have been amended.

In the Official Action dated October 3, 2001, Claim 42 was objected to on formal grounds. Claims 1 to 4, 9, 10, 13 to 16, 18 to 21, 26, 27, 30 to 33, 35 to 40, 45, 46, 49 to 52, 54 to 57, 62, 63, 66 to 69, 72 and 73 were rejected under 35 U.S.C. § 102(e), as anticipated by U.S. Patent No. 5,568,183 (Cortjens), and Claims 5 to 8, 22 to 25, 41 to 44 and 58 to 61 were rejected under 35 U.S.C. § 103(a), as unpatentable over the Cortjens '183 patent, in view of Japanese Patent Document No. 4-302587 (Kawai). Reconsideration and withdrawal of the objection and rejections respectfully are requested in view of the above amendments and the following remarks.

Initially, Applicants gratefully acknowledge the Examiner's indication that the application contains allowable subject matter, and that Claims 11, 12, 17, 28, 29, 34, 47, 48, 53, 64, 65 and 70 are allowable over the prior art of record.

The rejections of the claims over the cited art respectfully are traversed.

Nevertheless, without conceding the propriety of the rejections, Claims 71 and 72 have been canceled, and Claims 1 to 36, 38 and 41 to 70 have been amended herein more clearly to recite various novel features of the present invention, with particular attention to the Examiner's comments. Support for the proposed amendments may be found in the original application. No new matter has been added.

In particular, each of independent Claims 1 and 18 have been amended to recite the feature of a selection device that collates a pattern of a figure detected by a detection device with figure patterns previously stored in a storage device, and selects a type of command for controlling the camera in accordance with a figure pattern which corresponds to the figure detected by the detection device; independent Claims 35 and 54 recite similar features with respect to a method of controlling a camera controlled system, and a storage medium storing a computer executable program for controlling a camera control apparatus.

Applicants submit that the prior art fails to anticipate the present invention. Moreover, Applicants submit that there are differences between the subject matter sought to be patented and the prior art, such that the subject matter taken as a whole would not have been obvious at the time the invention was made to one of ordinary skill in the art.

The Cortjens '183 patent relates to a network video conferencing system, and discloses a system including a plurality of network converters 11, a controller 10, a

mouse 12, a control panel 13, and/or a joystick 18 for controlling the controller. However, Applicants submit that the Cortjens '183 patent fails to disclose or suggest at least the above-described features of the present invention. Rather, the Cortjens '183 patent is understood merely to disclose a control system for a camera in which control is effected on the basis of the positions of two points, PSP and PEP, where the only "pattern" of the Cortjens '183 patent is a line segment that connects the two points PSP and PEP. Nowhere does the Cortjens '183 patent disclose or suggest the feature of a selection device that collates a pattern of a figure detected by a detection device with figure patterns previously stored in a storage device, and selects a type of command for controlling the camera in accordance with a figure pattern which corresponds to the figure detected by the detection device, as disclosed and claimed in the present application.

The Kawai JP '587 reference relates to a video camera control apparatus, and was cited for its disclosure of structure and method for outputting pan and tilt commands in accordance with the length of a line segment. Applicants submit that the Kawai JP '587 reference fails to disclose or suggest at least the above-described features of the present invention. Nor is the Kawai JP '587 reference understood to add anything to the Cortjens '183 patent that would make obvious the claimed invention.

For the above reasons, Applicants submit that independent Claims 1, 18, 35 and 54 are allowable over the cited art.

Claims 2 to 17, 19 to 34, 36 to 53 and 55 to 70 depend from Claims 1, 18, 35 and 54, respectively, and are believed allowable for the same reasons. Moreover, each of these dependent claims recites additional features in combination with the features of its

respective base claim, and is believed allowable in its own right. Individual consideration of the dependent claims respectfully is requested.

Applicants believe that the present Amendment is responsive to each of the points raised by the Examiner in the Official Action, and submit that the application is in allowable form. Favorable consideration of the claims and passage to issue of the present application at the Examiner's earliest convenience earnestly are solicited.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below listed address.

Respectfully submitted;

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VERSION WITH MARKS TO SHOW CHANGES MADE TO CLAIMS

1. (Amended) A camera control system comprising:

<u>a</u> display <u>device that displays</u> [means for displaying] an image sensed by a camera, <u>in accordance with</u> [the displayed image corresponding to] an image signal output from the camera;

<u>a</u> detection <u>device that detects</u> [means for detecting] a figure <u>scripted</u> on a display <u>screen</u> [surface] on which the image is being displayed by said display <u>device</u> [means];

a selection device that collates a pattern of the figure detected by said

detection device with figure patterns previously stored in a storage device, and selects a

type of command for controlling the camera in accordance with a figure pattern which

corresponds to the figure detected by said detection device;

an output device that outputs the [means for outputting a] command for controlling the camera selected by said selection device [on the basis of the figure detected by said detection means]; and

<u>a</u> control <u>device that controls</u> [means for controlling] the camera on the basis of the camera control command output from said output <u>device</u> [means].



- 2. (Amended) A camera control system according to Claim 1, wherein said detection <u>device</u> [means] further detects an action of <u>scripting</u> [depicting] the figure on the display <u>screen</u> [surface] of said display <u>device</u> [means].
- 3. (Amended) A camera control system according to Claim 2, wherein said output <u>device</u> [means] outputs a control command for at least one of pan control, tilt control, and zoom control of the camera.
- 4. (Amended) A camera control system according to Claim 1, wherein said output <u>device</u> [means] outputs a control command for at least one of pan control, tilt control, and zoom control of the camera.
- 5. (Amended) A camera control system according to Claim 4, wherein if <u>said detection device detects</u> an action of <u>scripting</u> [depicting] a <u>line</u> segment from right to left on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] outputs a control command for leftward pan control of the camera according to the length of the <u>line</u> segment.
- 6. (Amended) A camera control system according to Claim 4, wherein if <u>said detection device detects</u> an action of <u>scripting</u> [depicting] a <u>line</u> segment from left to



right on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] outputs a control command for rightward pan control of the camera according to the length of the <u>line</u> segment.

- 7. (Amended) A camera control system according to Claim 4, wherein if <u>said detection device detects</u> an action of <u>scripting</u> [depicting] a <u>line</u> segment along the direction from the bottom to the top of the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] outputs a control command for upward tilt control of the camera according to the length of the <u>line</u> segment.
- 8. (Amended) A camera control system according to Claim 4, wherein if said detection device detects an action of scripting [depicting] a line segment along the direction from the top to the bottom of the display screen surface of said display means is detected by said detection means], then said output device [means] outputs a control command for downward tilt control of the camera according to the length of the line segment.
- 9. (Amended) A camera control system according to Claim 4, wherein if <u>said detection device detects</u> [a depiction of] an arrow <u>is scripted</u> on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u>



[means] outputs a control command for control of at least one of pan and tilt of the camera according to the direction of the detected arrow.

- 10. (Amended) A camera control system according to Claim 9, wherein said output <u>device</u> [means] determines a controlled amount of at least one of the pan and tilt of the camera according to a length of the detected arrow.
- 11. (Amended) A camera control system according to Claim 4, wherein if <u>said detection device detects</u> [a depiction of] a substantially circular figure <u>is scripted</u> on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] outputs a command for controlling the zoom ratio according to a size of the substantially circular figure detected.
- 12. (Amended) A camera control system according to Claim 11, wherein if <u>said detection device detects</u> [a depiction of] a substantially circular figure <u>is</u> scripted on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] further outputs a control command for performing at least one of pan and tilt of the camera such that an image displayed at a center of the substantially circular figure is positioned at a center of the display <u>screen</u> [surface].



- if <u>said detection device detects</u> [a depiction description of] a substantially rectangular figure is <u>scripted</u> on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] outputs a command for controlling the zoom ratio according to a size of the substantially rectangular figure detected.
- 14. (Amended) A camera control system according to Claim 13 [11], wherein if said detection device detects [a depiction of] a substantially rectangular figure is scripted on the display screen [surface of said display means is detected by said detection means], then said output device [means] further outputs a control command for performing at least one of pan and tilt of the camera such that an image displayed at a center of the substantially rectangular figure is positioned at a center of the display screen [surface].
- 15. (Amended) A camera control system according to Claim 4, wherein if <u>said detection device detects</u> [a depiction of] a crisscross figure <u>is scripted</u> on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] outputs a control command for controlling a zoom ratio in the zoom-out direction according to a size of the crisscross figure detected.



- 16. (Amended) A camera control system according to Claim 15, wherein said output <u>device</u> [means] outputs a control command for performing at least one of pan and tilt of the camera such that an image displayed at a point of intersection of [the] two <u>line</u> segments forming the crisscross figure is positioned at the center of the display <u>screen</u> [surface].
- 17. (Amended) A camera control system according to Claim 4, wherein if <u>said detection device detects</u> [an action of depicting] a line <u>is scripted</u> so as to form one loop [is executed] on the display <u>screen</u> [surface of said display means], then said output <u>device</u> [means] outputs a control command for terminating control of the camera.
 - 18. (Amended) A camera control apparatus comprising:

<u>a</u> display <u>device that displays</u> [means for displaying] an image sensed by a camera, <u>in accordance with</u> [the displayed image corresponding to] an image signal output from the camera;

<u>a</u> detection <u>device that</u> detects [means for detecting] a figure <u>scripted</u> on a display <u>screen</u> [surface] on which the image is being displayed by said display <u>device</u> [means];

a selection device that collates a pattern of the figure detected by said

detection device with figure patterns previously stored in a storage device, and selects a



kind of command for controlling the camera in accordance with a figure pattern which corresponds to the figure detected by said detection device; and

an output device that outputs [means for outputting] a command for controlling the camera on the basis of the figure detected by said detection device [means].

- 19. (Amended) A camera control apparatus according to Claim 18, wherein said detection <u>device</u> [means] further detects an action of <u>scripting</u> [depicting] a figure on the display surface of said display <u>device</u> [means].
- 20. (Amended) A camera control apparatus according to Claim 19, wherein said output <u>device</u> [means] outputs a control command for at least one of pan control, tilt control, and zoom control of the camera.
- 21. (Amended) A camera control apparatus according to Claim 18, wherein said output <u>device</u> [means] outputs a control command for at least one of pan control, tilt control, and zoom control of the camera.
- 22. (Amended) A camera control apparatus according to Claim 21, wherein if <u>said detection device detects</u> an action of <u>scripting</u> [depicting] a <u>line</u> segment from right to left on the display <u>screen</u> [surface of said display means is detected by said



detection means], then said output <u>device</u> [means] outputs a control command for leftward pan control of the camera according to the length of the <u>line</u> segment.

- 23. (Amended) A camera control apparatus according to Claim 21, wherein if said detection device detects an action of scripting [depicting] a line segment from left to right on the display screen [surface of said display means is detected by said detection means], then said output device [means] outputs a control command for rightward pan control of the camera according to the length of the line segment.
- 24. (Amended) A camera control apparatus according to Claim 21, wherein if said detection device detects an action of scripting [depicting] a line segment along the direction from the bottom to the top of the display screen [surface of said display means is detected by said detection means], then said output device [means] outputs a control command for upward tilt control of the camera according to the length of the line segment.
- 25. (Amended) A camera control apparatus according to Claim 21, wherein if <u>said detection device detects</u> an action of <u>scripting</u> [depicting] a <u>line</u> segment along the direction from the top to the bottom of the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] outputs a



control command for downward tilt control of the camera according to the length of the line segment.

- 26. (Amended) A camera control apparatus according to Claim 21, wherein if <u>said detection device detects</u> a <u>scripting</u> [depiction] of an arrow on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] outputs a control command for control of at least one of pan and tilt of the camera according to the direction of the detected arrow.
- 27. (Amended) A camera control apparatus according to Claim 26, wherein said output <u>device</u> [means] determines a controlled amount of at least one of the pan and tilt of the camera according to a length of the detected arrow.
- 28. (Amended) A camera control apparatus according to Claim 21, wherein if said detection device detects [a depiction of] a substantially circular figure is scripted on the display screen [surface of said display means is detected by said detection means], then said output device [means] outputs a command for controlling the zoom ratio according to a size of the substantially circular figure detected.



- 29. (Amended) A camera control apparatus according to Claim 28, wherein if said detection device detects [a depiction of] a substantially circular figure is scripted on the display screen [surface of said display means is detected by said detection means], then said output device [means] further outputs a control command for performing at least one of pan and tilt of the camera such that an image displayed at a center of the substantially circular figure is positioned at a center of the display screen [surface].
- 30. (Amended) A camera control apparatus according to Claim 21, wherein if <u>said detection device detects</u> [a depiction of] a substantially rectangular figure <u>is scripted</u> on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output means outputs a command for controlling the zoom ratio according to a size of the substantially rectangular figure detected.
- 31. (Amended) A camera control apparatus according to Claim 30, wherein if said detection device detects [a depiction of] a substantially rectangular figure is scripted on the display screen [surface of said display means is detected by said detection means], then said output device [means] further outputs a control command for performing at least one of pan and tilt of the camera such that an image displayed at a center of the substantially rectangular figure is positioned at a center of the display screen [surface].



- 32. (Amended) A camera control apparatus according to Claim 21, wherein if <u>said detection device detects</u> [a depiction of] a crisscross figure <u>is scripted</u> on the display <u>screen</u> [surface of said display means is detected by said detection means], then said output <u>device</u> [means] outputs a control command for controlling a zoom ratio in the zoom-out direction according to a size of the crisscross figure detected.
- 33. (Amended) A camera control apparatus according to Claim 32, wherein said output <u>device</u> [means] outputs a control command for performing at least one of pan and tilt of the camera such that an image displayed at a point of intersection of [the] two <u>line</u> segments forming the crisscross figure is positioned at the center of the display <u>screen</u> [surface].
- 34. (Amended) A camera control apparatus according to Claim 21, wherein if <u>said detection device detects</u> [an action of depicting] a line <u>is scripted</u> so as to form one loop [is executed] on the display <u>screen</u> [surface of said display means], then said output means outputs a control command for terminating control of the camera.



35. (Amended) A method of controlling a camera control system comprising:

a detection step of detecting a figure <u>scripted</u> on a display <u>screen</u> [surface] on which an image formed by a camera is being displayed;

a selection step of collating a pattern of a figure detected in said detecting step with figure patterns previously stored in a storage device, and selecting a kind of command for controlling the camera in accordance with a figure pattern corresponding to the figure detected in said detecting step; and

an output step of outputting a command for controlling the camera <u>selected</u> in said selecting step [on the basis of the figure detected in said detection step].

- 36. (Amended) A method according to Claim 35, further comprising a display step of displaying on the display screen the image formed by the camera on the basis of an image signal output from the camera.
- 38. (Amended) A method according to Claim 37, wherein said detection step comprises detecting an action of <u>scripting</u> [depicting] a figure on the display <u>screen</u> [surface] in said display step.



- 41. (Amended) A method according to Claim 40, wherein [if] <u>said</u>
 detecting step includes detecting an action of <u>scripting</u> [depicting] a <u>line</u> segment from right
 to left on the display <u>screen</u> [surface in said display step is detected in said detection step],
 and <u>said output step includes outputting</u> {then] a control command for leftward pan control
 of the camera <u>in accordance with</u> [according to] the length of the <u>line</u> segment <u>detected in</u>
 <u>said detecting step</u> [is output in said output step].
- 42. (Amended) A method according to Claim 40, wherein <u>said detecting</u> step includes detecting [if] an action of <u>scripting</u> [depicting] a <u>line</u> segment from left to right on the display <u>screen</u> [surface in said display step is detected in said detection step], and <u>said output step includes outputting</u> [then] a control command for rightward <u>pan</u> [tilt] control of the camera <u>in accordance with</u> [according to] the length of the <u>line</u> segment <u>detected in said detecting step</u> [is output in said output step].
- 43. (Amended) A method according to Claim 40, wherein <u>said detecting</u> step includes detecting [if] an action of <u>scripting</u> [depicting] a <u>line</u> segment along the direction from the bottom to the top of the display <u>screen</u> [surface in said display step is detected in said detection step], <u>and said output step includes outputting</u> [then] a control command for upward tilt control of the camera <u>in accordance with</u> [according to] the length of the <u>line</u> segment <u>detected in said detecting step</u> [is output in said output step].



- 44. (Amended) A method according to Claim 40, wherein <u>said detecting</u> step includes detecting [if] an action of <u>scripting</u> [depicting] a <u>line</u> segment along the direction from the top to the bottom of the display <u>screen</u> [surface in said display step is detected in said detection step], <u>and said output step includes outputting</u> [then] a control command for downward tilt control of the camera <u>in accordance with</u> [according to] the length of the <u>line</u> segment <u>detected in said detecting step</u> [is output in said output step].
- 45. (Amended) A method according to Claim 40, wherein <u>said detecting</u> step includes detecting [if] a <u>scripting</u> [depiction] of an arrow on the display <u>screen</u> [surface in said display step is detected in said detection step], <u>and</u> [then] <u>said output step includes</u> outputting a control command for control of at least one of pan and tilt of the camera <u>in</u> accordance with [according to] the direction of the <u>arrow</u> detected <u>in said detecting step</u> [arrow is output in said output step].
- 46. (Amended) A method according to Claim 45, wherein[, in] said output step[,] includes determining a controlled amount of at least one of the pan and tilt of the camera in accordance with [is determined according to] the length of the arrow detected [arrow] in said detecting step.



- 47. (Amended) A method according to Claim 40, wherein <u>said detecting</u> step includes detecting scripting [if a depiction] of a substantially circular figure on the display <u>screen</u> [surface in said display step is detected in said detection step], <u>and said</u> output step includes outputting [then] a command for controlling the zoom ratio in accordance with [according to] the size of the substantially circular figure detected <u>in said</u> detecting step [is output in said output step].
- 48. (Amended) A method according to Claim 47, wherein <u>said detecting</u> step includes detecting scripting [if a depiction] of a substantially circular figure on the display <u>screen</u> [surface in said display step is detected in said detection step], <u>and said</u> output step includes outputting [then] a control command for performing at least one of pan and tilt of the camera so that an image displayed at a center of the substantially circular figure <u>detected in said detecting step</u> is positioned at a center of the display <u>screen</u> [surface is also output in said output step].
- 49. (Amended) A method according to Claim 40, wherein <u>said detecting</u> step includes detecting scripting [if a depiction] of a substantially rectangular figure on the display <u>screen</u> [surface in said display step is detected in said detection step], <u>and said</u> output step includes outputting [then] a command for controlling the zoom ratio <u>in</u>



accordance with [according to] a size of the substantially rectangular figure detected in said detecting step [is output in said output step].

- 50. (Amended) A method according to Claim 49, wherein <u>said detecting</u> step includes detecting scripting [if a depiction] of a substantially rectangular figure on the display <u>screen</u> [surface in said display step is detected in said detection step], <u>and said</u> output step includes outputting [then] a control command for performing at least one of pan and tilt of the camera such that an image displayed at a center of the substantially rectangular figure <u>detected in said detecting step</u> is positioned at a center of the display surface [is also output in said output step].
- 51. (Amended) A method according to Claim 40, wherein <u>said detecting</u> step includes detecting scripting [if a depiction] of a crisscross figure on the display <u>screen</u> [surface in said display step is detected in said detection step], <u>and said output step includes</u> outputting [then] a control command for controlling the zoom ratio in the zoom-out direction <u>in accordance with</u> [according to] the size of the crisscross figure detected <u>in said</u> detecting step [is output in said output step].
- 52. (Amended) A method according to Claim 51, wherein <u>said output</u> step includes outputting a control command [is output] to perform at least one of pan and



tilt of the camera such that an image displayed at the point of intersection of [the] two line segments forming the crisscross figure is positioned at the center of the display screen [surface].

- 53. (Amended) A method according to Claim 40, wherein said detecting step includes detecting [if] an action of scripting [depicting] a line so as to form one loop [is executed] on the display screen [surface in said display step], and said output step includes outputting a control command for terminating control of the camera in response to detection of a scripted loop in the detecting step [is output in said output step].
- 54. (Amended) A storage medium [for] storing a <u>computer</u>

 <u>executable</u> program for <u>controlling</u> [causing a computer to control] a camera control

 apparatus, the stored program <u>including computer executable code for causing</u> [causing the

 computer to cause] the apparatus to perform the following functions:

displaying an image formed by a camera, in accordance with [the displayed image corresponding to] an image signal output from the camera;

detecting a figure <u>scripted</u> on a display <u>screen</u> [surface] on which the image is being displayed;

collating a pattern of the detected figure with figure patterns previously stored in a storage device;



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selecting a kind of command for controlling the camera in accordance with a figure pattern which corresponds to the detected figure; and

outputting a command for controlling the camera on the basis of the detected figure.

- 55. (Amended) A storage medium according to Claim 54, wherein the stored program <u>includes</u> [causes the] computer <u>executable code for causing</u> [to cause] the camera control apparatus to <u>detect</u> [perform the function of detecting] an action of <u>scripting</u> [depicting] a figure on the display <u>screen</u> [surface].
- 56. (Amended) A storage medium according to Claim 55, wherein the stored program <u>includes</u> [causes the] computer <u>executable code for causing</u> [to cause] the camera control apparatus to <u>output</u> [perform the function of outputting] a control command for at least one of pan control, tilt control, and zoom control of the camera.
- 57. (Amended) A storage medium according to Claim 54, wherein the stored program <u>includes</u> [causes the] computer <u>executable code for causing</u> [to cause] the camera control apparatus to <u>output</u> [perform the function of outputting] a control command for at least one of pan control, tilt control, and zoom control of the camera.

- 58. (Amended) A storage medium according to Claim 57, wherein the stored program includes [causes the] computer executable code for causing [to cause] the camera control apparatus to detect [perform the function of, if] an action of scripting [depicting] a line segment from right to left on the display screen [surface is detected], and output [outputting] a control command for leftward pan control of the camera in accordance with [according to] the length of the detected line segment.
- 59. (Amended) A storage medium according to Claim 57, wherein the stored program includes [causes the] computer executable code for causing [to cause] the camera control apparatus to detect [perform the function of, if] an action of scripting [describing] a line segment from left to right on the display screen [surface is detected], and to output [outputting] a control command for rightward pan control of the camera in accordance with [according to] the length of the detected line segment.
- 60. (Amended) A storage medium according to Claim 57, wherein the stored program includes [causes the] computer executable code for causing [to cause] the camera control apparatus to detect [perform the function of, if] an action of scripting [depicting] a line segment along the direction from the bottom to the top of the display screen [surface is detected], and to output [outputting] a control command for upward tilt

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control of the camera <u>in accordance with</u> [according to] the length of the <u>detected line</u> segment.

- 61. (Amended) A storage medium according to Claim 57, wherein the stored program includes [causes the] computer executable code for causing [to cause] the camera control apparatus to detect [perform the function of, if] an action of scripting [depicting] a line segment along the direction from the top to the bottom of the display screen [surface is detected], and to output [outputting] a control command for downward tilt control of the camera in accordance with [according to] the length of the detected line segment.
- 62. (Amended) A storage medium according to Claim 57, wherein the stored program includes [causes the] computer executable code for causing [to cause] the camera control apparatus to detect a scripting [perform the function of, if a depiction] of an arrow on the display screen [surface is detected], and to output [outputting] a control command for control of at least one of pan and tilt of the camera in accordance with [according to] the direction of the detected arrow.
- 63. (Amended) A storage medium according to Claim 62, wherein the stored program includes [causes the] computer executable code for causing [to cause] the



camera control apparatus to <u>determine</u> [perform the function of determining] a controlled amount of at least one of the pan and tilt of the camera <u>in accordance with</u> [according to] the length of the detected arrow.

- 64. (Amended) A storage medium according to Claim 57, wherein the stored program includes [causes the] computer executable code for causing [to cause] the camera control apparatus to detect a scripting [perform the function of, if a description] of a substantially circular figure on the display screen [surface is detected], and to output [outputting] a command for controlling the zoom ratio in accordance with [according to] the size of the substantially circular figure detected.
- 65. (Amended) A storage medium according to Claim 64, wherein the stored program includes [causes the] computer executable code for causing [to cause] the camera control apparatus to detect a scripting [perform the function of, if a depiction] of a substantially circular figure on the display screen [surface is detected], and to output [outputting] a control command for performing at least one of pan and tilt of the camera such that an image displayed at a center of the substantially circular figure is positioned at a center of the display screen [surface].



- 66. (Amended) A storage medium according to Claim 57, wherein the stored program <u>includes</u> [causes the] computer <u>executable code for causing</u> [to cause] the camera control apparatus to <u>detect a scripting</u> [perform the function of, if a depiction] of a substantially rectangular figure on the display <u>screen</u> [surface is detected], <u>and to output</u> [outputting] a command for controlling the zoom ratio <u>in accordance with</u> [according to] the size of the substantially rectangular figure detected.
- 67. (Amended) A storage medium according to Claim 66, wherein the stored program includes [causes the] computer executable code for causing [to cause] the camera control apparatus to detect a scripting [perform the function of, if a depiction] of a substantially rectangular figure on the display screen [surface is detected], and to output [outputting] a control command for performing at least one of pan and tilt of the camera such that an image displayed at a center of the substantially rectangular figure is positioned at a center of the display screen [surface].
- 68. (Amended) A storage medium according to Claim 57, wherein the stored program <u>includes</u> [causes the] computer <u>executable code for causing</u> [to cause] the camera control apparatus to <u>detect a scripting</u> [perform the function of, if description] of a crisscross figure on the display <u>screen</u> [surface is detected], <u>and to output</u> [outputting] a



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control command for controlling the zoom ratio in the zoom-out direction in accordance

with [according to] a size of the crisscross figure detected.

69. (Amended) A storage medium according to Claim 68, wherein the

stored program includes [causes the] computer executable code for causing [to cause] the

camera control apparatus to output [perform the function of outputting] a control command

to perform at least one of pan and tilt of the camera such that an image displayed at a point

of intersection of [the] two line segments forming the crisscross figure is positioned at the

center of the display screen [surface].

70. (Amended) A storage medium according to Claim 57, wherein the

stored program includes [causes the] computer executable code for causing [to cause] the

camera control apparatus to detect a scripting of [perform the function of, if an action of

depicting] a line that forms [so as to form] one loop [is executed] on the display screen

[surface], and to output [outputting] a control command for terminating control of the

camera in response to the detection.

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